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**Attorney Docket No. Le A 36 839**

## **PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Stefan Golz, et al.

Serial No.: [to be assigned] - National Stage Filing of PCT/EP2004/009843

## Title: Isolated Photoprotein mtClytin, and Use Thereof

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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**WITHIN THREE MONTHS OF DATE OF NATIONAL STAGE ENTRY**

Dear Sir:

Applicants wish to cite for the record in the above-identified application the references shown on the accompanying form(s) PTO/SB/08A-B [substitute for form 1449/PTO]. A copy of the International Search Report is also enclosed for your reference.

## **IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement transmitted herewith is being filed concurrently with the request under 35 U.S.C. § 371(f) to begin national examination procedures.

## **FEE PAYMENT**

Applicants believe that no fees are due with this submission. However, the Commissioner is hereby authorized to charge any fees that may have been overlooked but that are required to Deposit Account 13-3372. Additionally, please credit any overpayment to the same account.

Respectfully submitted,

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IAP20 Rec'D FGM 70 16 MAR 2006

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	[to be assigned] <b>111516175</b>
		Filing Date	
		First Named Inventor	<b>Stefan Golz</b>
		Art Unit	
		Examiner Name	
Sheet	1	of	2
		Attorney Docket Number	<b>Le A 36 839</b>

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	<b>F1</b>	WO 03/006497 A2	01-23-2003	Centre National de la Recherche Scientifique		
	<b>F2</b>	WO 91/01305 A1	02-07-1991	University of Wales College of Medicine		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO				Complete if Known	
				Application Number	[to be assigned] 1422175
				Filing Date	03/16/2006
				First Named Inventor	Stefan GOLZ
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	Le A 36 839

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
	R1	Dunstan, S. L., et al., "Cloning and Expression of the Bioluminescent Photoprotein Pholasin from the Bivalve Mollusc Pholas dactylus", J. Biol. Chem., 275(13): 9403-9409 (March 2000)				
	R2	Database UniProt, 1 October 1994, Inouye, S., et al., "Clytin Precursor (Phialidin)", Database Accession No. Q08121, XP002300448				
	R3	Inouye, S., et al., "Cloning and sequence analysis of cDNA for the Ca2+ -activated photoprotein, clytin", FEBS Letters, 315(3): 343-346 (January 1993)				
	R4	Database Embl 10 March 2002, Markova, S. V., et al., "Obelia geniculata apoobelin mRNA, complete cds", Database Accession No. AF394688, XP002305433				
	R5	Markova, S. V., et al., "Obelin from the Bioluminiscent Marine Hydroid Obelia geniculata: Cloning, Expression, and Comparison of Some Properties with Those of Other Ca2+ -Regulated Photoproteins", Biochem., 41: 2227-2236 (2002)				

Examiner Signature		Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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